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Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Mon May 07 11:05:48 EDT 2007

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Reviewer Comments:

<210> 6

<211> 25

<212> DNA

<213> PCR Primer

The <213> response is invalid, per 1.823 of Sequence Rules. The only
valid <213> responses are "Artificial Sequence," "Unknown," or the
Genus/species. Same error in sequences 7-11.

Application No: 10580901

Version No: 1.0

Input Set:

Output Set:

Started: 2007-05-04 18:38:36.512

Finished: 2007-05-04 18:38:36.602

Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 90 ms

Total Warnings: 0

Total Errors: 0

No. of SeqIDs Defined: 11

Actual SeqID Count: 11

ErrCode	Error Description
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SEQUENCE LISTING

<110> Mridula, Sharma
 Berry, Carole
 Thomas, Mark
 Kambadur, Ravi
 Bower, Robert Syndecombe

<120> Novel Muscle Growth Regulator

<130> AJPARK39.001APC

<140> 10580901

<141> 2007-05-04

<150> US 10/580,901

<151> 2006-05-26

<150> PCT/NZ2004/000308

<151> 2004-11-26

<150> NZ529860

<151> 2003-11-28

<160> 11

<170> PatentIn version 3.1

<210> 1

<211> 576

<212> DNA

<213> Ovine

<400> 1

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ccggacgccg aaccgccgcc gctgcttcag acgcagacct caccgccgac tctgcagcag	180
cccgccccgc ccggcagcga gcggcgccct ccaactccgg agcaaatttt tcagaacata	240
aaacaagaat atagtcgtta tcagaggttg agacatttag aagttgttct taatcagagt	300
gaagcttgta cttcggaaag tcagcctcac tcctcagcac tcacagcacc tagttctcca	360
ggttcctcct ggatgaaaaa ggaccagccc acctttacct tccgacaagt tggaataata	420
tgtgagcgtc tcttaaaaga ctatgaagat aaaattcggg aggaatatga gcaaattctc	480
aatactaaac tagcagaaca atatgaatct tttgtgaaat tcacacatga tcagattatg	540
cgacgatatg ggacaaggcc aacaagctat gtatcc	576

<210> 2
<211> 192
<212> PRT
<213> Ovine

<400> 2

Met Ala Cys Gly Ala Thr Leu Lys Arg Pro Met Glu Phe Glu Ala Ala
1 5 10 15

Leu Leu Ser Pro Gly Ser Pro Lys Arg Arg Arg Cys Ala Pro Leu Ser
20 25 30

Gly Pro Thr Pro Gly Leu Arg Pro Pro Asp Ala Glu Pro Pro Pro Leu
35 40 45

Leu Gln Thr Gln Thr Pro Pro Pro Thr Leu Gln Gln Pro Ala Pro Pro
50 55 60

Gly Ser Glu Arg Arg Leu Pro Thr Pro Glu Gln Ile Phe Gln Asn Ile
65 70 75 80

Lys Gln Glu Tyr Ser Arg Tyr Gln Arg Trp Arg His Leu Glu Val Val
85 90 95

Leu Asn Gln Ser Glu Ala Cys Thr Ser Glu Ser Gln Pro His Ser Ser
100 105 110

Ala Leu Thr Ala Pro Ser Ser Pro Gly Ser Ser Trp Met Lys Lys Asp
115 120 125

Gln Pro Thr Phe Thr Leu Arg Gln Val Gly Ile Ile Cys Glu Arg Leu
130 135 140

Leu Lys Asp Tyr Glu Asp Lys Ile Arg Glu Glu Tyr Glu Gln Ile Leu
145 150 155 160

Asn Thr Lys Leu Ala Glu Gln Tyr Glu Ser Phe Val Lys Phe Thr His
165 170 175

Asp Gln Ile Met Arg Arg Tyr Gly Thr Arg Pro Thr Ser Tyr Val Ser
180 185 190

<210> 3
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<212> DNA
<213> Bovine

<400> 3

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ccggacgccg aaccgccacc gctgcttcag acgcagatcc caccgccgac tctgcagcag 180

cccgccccgc ccggcagcga ccggcgctt ccaactccgg agcaaatttt tcagaacata 240

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aaacaagaat atagtcgtta tcagaggtgg agacatttag aagttgttct taatcagagt      300
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ggttcctcct ggatgaaaaa ggaccagccc acctttacgc tccgacaagt tggaataata      420
tgtgagcgtc tcttaaaaga ctatgaagat aaaattcggg aggaatatga gcaaatcctc      480
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<210> 4

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<212> PRT

<213> Bovine

<400> 4

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Met Ala Cys Gly Ala Thr Leu Lys Arg Pro Met Glu Phe Glu Ala Ala
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```

```

Gly Pro Thr Pro Gly Leu Arg Pro Pro Asp Ala Glu Pro Pro Pro Leu
              35              40              45

```

```

Leu Gln Thr Gln Ile Pro Pro Pro Thr Leu Gln Gln Pro Ala Pro Pro
              50              55              60

```

```

Gly Ser Asp Arg Arg Leu Pro Thr Pro Glu Gln Ile Phe Gln Asn Ile
65              70              75              80

```

```

Lys Gln Glu Tyr Ser Arg Tyr Gln Arg Trp Arg His Leu Glu Val Val
              85              90              95

```

```

Leu Asn Gln Ser Glu Ala Cys Thr Ser Glu Ser Gln Pro His Ser Ser
              100             105             110

```

```

Thr Leu Thr Ala Pro Ser Ser Pro Gly Ser Ser Trp Met Lys Lys Asp
              115             120             125

```

```

Gln Pro Thr Phe Thr Leu Arg Gln Val Gly Ile Ile Cys Glu Arg Leu
              130             135             140

```

```

Leu Lys Asp Tyr Glu Asp Lys Ile Arg Glu Glu Tyr Glu Gln Ile Leu
145             150             155             160

```

```

Asn Thr Lys Leu Ala Glu Gln Tyr Glu Ser Phe Val Lys Phe Thr His
              165             170             175

```

```

Asp Gln Ile Met Arg Arg Tyr Gly Thr Arg Pro Thr Ser Tyr Val Ser
              180             185             190

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<211> 2071
<212> DNA
<213> mouse

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taaaacacta atattccaag gcacactcaa tgttttaaaag gatcacagag tgactaccaa 180

agcacgtagc aaaaccctac taagagaggt gtgtttaaaa tgactacca agggacatac 240

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tcctaataaa gtcatgacag tctacctttg gaattaaagt gatacacaaa atgatgttct 480

gtgtcctctg gtgaactggc tccattcaga taacacctat tcatcatgac tatggtttca 540

tttttcttta gccttcaaga agctcagaac tgaattttta attcagtcatt ttaccaccaa 600

gataattgtg agtttttttt ttttaaaaaa actctaattgt tttatttcta gattttagtt 660

taaaccacgt tacatctata ttgacaataa atgtgctaaa ataaacttaa catgggtaat 720

gtgcctaggg aggcttgaat cccaatatgg caaaacaaac agaaaaccag caatttggtta 780

tgctgtgctg tcttatattt tacagaaata aatgtgaaag tatatgacct atgttatgat 840

ctttaaagag tttgtagaaa cggaagagga ctcagagaaa agcaaccaa acgaacagga 900

ggagaaggaa gaagaggcgg agaaggagga ggaagattgg agatagtatg cctttattgt 960

ctaaccctaa gtgtgttgaa gtactgtgac agccatcttg gcaattagaa atgagtatct 1020

aaaatttgga ctgttctaga aaaatctgtt acagagataa tgttaaagcc agattacagg 1080

aatcacagcc actaatatac aaataattac agaaaggctt tgaatgtgga ggtgttggtc 1140

tgatgactct attgatgtat ttgaaagcac tggagtact cccagggaaa attacaacca 1200

gagttcccta aagcagaacc tcctgtttt ctattcattt gctgaatatc aaaagcattt 1260

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caagtcggat gaggaagcca actgccaaat cagctatcag gggaagttcc taacaccctg 1380

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ggcgcgggtca tctatcccca aaatacattc atttgtaaca cacctcccct tccaattttg	1560
cccatgattg cacagggttc gtggattaaa taaagtctat ccttagataa cccggttatg	1620
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aagggggggg ccctgggagg ggcggggggc ggggtgttgc taggcgacca cgctctccgc	1860
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cccggatcgg ccccttttcg acttcttccc ctctgccggg cgggtggcga cgcctgtgac	1980
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<210> 6
 <211> 25
 <212> DNA
 <213> PCR Primer

<400> 6	
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<210> 7
 <211> 21
 <212> DNA
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<400> 7	
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<210> 8
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 <212> DNA
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<400> 8	
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<400> 9	
ggtgggctgg tccttcttca tc	22

<210> 10
<211> 25
<212> DNA

<213> PCR Primer

<400> 10
agatctgac caactcttca gctac 25

<210> 11
<211> 24
<212> DNA
<213> PCR Primer

<400> 11
gctagccac attcactgtg caag 24